



ATTACHMENT C

Amendments to the Abstract

Please replace the Abstract with the following amended paragraph.

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The present invention provides ~~a~~A method ~~of~~is provided for forming a modified gel capable of forming a hydrophobic surface on which water has a contact angle of at least 150°. ~~The invention also provides~~Additionally, a method ~~of~~is provided for forming a hydrophobic coating from the modified gel. In some embodiments, the hydrophobic coating has an extremely high hydrophobicity with a contact angle in excess of 165°, and good substrate adhesion. The method involves bonding a gel with particulate matter. It is believed that the chemical hydrophobicity of the gel is enhanced by the physical roughness of the particulate matter.